



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

2568-103

Date of Issuance:

4/29/2015

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Seaquantum Ultra SP Light Red

Name and Address of Registrant (include ZIP Code):

Pat Turley
 Jotun Paints, Inc.
 9203 Highway 23
 Belle Chase, LA 70037

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Product Manager Name, Product Manager XX
 Branch Name, Antimicrobials Division (7510P)
or if product includes new uses, BC or BC designee may sign
 Branch Chief Name, Chief
 Branch Name, Antimicrobials Division (7510P)

Date:

5/5/15

2. *Include this text if there is a DCI or EDSP Order; otherwise, delete this section.* You are required to comply with the data requirements described in the DCI or EDSP Order identified below:

- a. Cuprous Oxide GDCI-025601-1257

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 2568-103.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

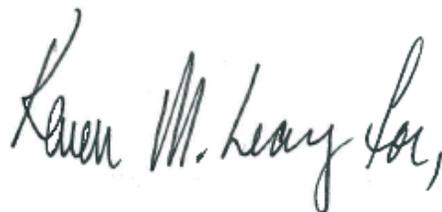
Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/08/2015
- Alternate CSF 1 dated 04/08/2015

If you have any questions, please Karen M. Leavy by phone at (703)-308-6237, or via email at Leavy.Karen@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Karen M. Leavy Esq.". The signature is written in a cursive style with a large, looped initial "K".

Seichi Murasaki
Acting Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

STORAGE

KEEP THE CONTAINERS IN A DRY, COOL, WELL VENTILATED SPACE AND AWAY FROM SOURCES OF HEAT AND IGNITION. CONTAINERS MUST BE KEPT TIGHTLY CLOSED. HANDLE WITH CARE.

PESTICIDE DISPOSAL

PESTICIDE WASTES ARE TOXIC. IMPROPER DISPOSAL OF EXCESS PESTICIDE, SPRAY MIXTURE OR RINSATE IS A VIOLATION OF FEDERAL LAW. IF THESE WASTES CANNOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

CONTAINER DISPOSAL

NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. PRIOR TO CONTAINER DISPOSAL, ALLOW ANY REMAINING PAINT RESIDUE IN THE CONTAINER TO AIR DRY. DISPOSE OF THE CONTAINER IN ACCORDANCE WITH FEDERAL, STATE OR LOCAL DISPOSAL REGULATIONS.

FIRST AID

IF IN EYES:	HOLD EYE OPEN AND RINSE SLOWLY AND GENTLY WITH WATER FOR 15-20 MINUTES. REMOVE CONTACT LENSES, IF PRESENT, AFTER THE FIRST 5 MINUTES, AND THEN CONTINUE RINSING. CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.
IF SWALLOWED:	CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE. HAVE PERSON SIP A GLASS OF WATER IF ABLE TO SWALLOW. DO NOT INDUCE VOMITING UNLESS TOLD TO BY A POISON CONTROL CENTER OR DOCTOR. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
IF ON SKIN OR CLOTHING:	TAKE OFF CONTAMINATED CLOTHING. RINSE SKIN IMMEDIATELY WITH PLENTY OF WATER FOR 15-20 MINUTES. CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.
IF INHALED:	MOVE PERSON TO FRESH AIR. IF PERSON IS NOT BREATHING, CALL 911 OR AN AMBULANCE, THEN GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH IF POSSIBLE. CALL A POISON CONTROL CENTER OR DOCTOR FOR FURTHER TREATMENT ADVICE.

NOTE TO PHYSICIAN: EYE SYMPTOMS CAN INCLUDE CORNEAL OPACITY AND CONJUNCTIVITIS. CONTAINS PETROLEUM DISTILLATES - VOMITING MAY CAUSE ASPIRATION PNEUMONIA. PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE.

GENERAL INFORMATION: HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT. FOR NON-EMERGENCY AND GENERAL INFORMATION ON PRODUCT USE, ETC., INFORMATION PERTAINING TO THIS PRODUCT, CALL THE NATIONAL PESTICIDES INFORMATION CENTER AT 1-800-858-7378 (NPIC WEB SITE: WWW.NPIC.ORST.EDU). FOR EMERGENCIES, CALL THE POISON CONTROL CENTER 1-800-222-1222.

BATCH 51118419 DOM 08/01/2014

RESTRICTED USE PESTICIDE

Due to hazards to nontarget species and potential dermal and inhalation health risks when proper PPE or application methods are not used. For sale to Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

SEAQUANTUM ULTRA SP Light Red

ACTIVE INGREDIENTS:

CUPROUS OXIDE	48.20%*
COPPER PYRITHIONE.....	2.23%
OTHER INGREDIENTS.....	49.57%**
	100.00%

*METALLIC COPPER EQUIVALENT: 43.2%

**CONTAINS PETROLEUM DISTILLATES, XYLENE, OR XYLENE RANGE AROMATIC SOLVENTS.

KEEP OUT OF THE REACH OF CHILDREN.

WARNING

ONLY FOR USE ON BOATS GREATER THAN 25 METERS (82 FEET) IN LENGTH.

SEE SIDE PANELS FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

Net 20 LITERS (5.28 GALLONS)

E.P.A. REG. NO.: 2568-RNG
E.P.A. EST. NO.: 002568-LA-001

Jotun Paints, Inc.
9203 Highway 23
Belle Chasse, LA 70037

ACCEPTED

04/29/2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2568-103

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

WARNING. CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. DO NOT GET IN EYES OR ON CLOTHING. WEAR APPROPRIATE PROTECTIVE EYEWEAR SUCH AS GOGGLES, FACE SHIELD OR SAFETY GLASSES. AVOID CONTACT WITH SKIN. AVOID BREATHING SPRAY MIST. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO OR USING THE TOILET. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

PPE MUST BE WORN WHEN APPLYING THIS PRODUCT:

- **SPRAY MEN** SHALL WEAR NIOSH-APPROVED CONTINUOUS FLOW SUPPLIED AIR OR POWERED AIR PURIFYING RESPIRATORS EQUIPPED WITH A HOOD THAT COVERS THE FACE, NECK, AND SHOULDERS. THE POWERED AIR PURIFYING RESPIRATOR SHALL BE USED WITH AN ORGANIC VAPOR CARTRIDGE AND A HIGH EFFICIENCY (HEPA) PRE-FILTER. THE SPRAY MEN SHALL WEAR SAFETY GLASSES BENEATH THE HOOD RESPIRATOR.
- **LINE TENDERS AND POT MEN** SHALL WEAR NIOSH-APPROVED ELASTOMERIC HALF OR FULL FACE PURIFYING RESPIRATORS WITH ORGANIC VAPOR CARTRIDGES AND P100 PRE-FILTERS. THE LINE TENDERS AND POT MEN SHALL WEAR SHIELDED SAFETY GLASSES OR GOGGLES IF THE HALF FACE RESPIRATORS ARE WORN. SAFETY GLASSES OR GOGGLES ARE NOT REQUIRED IF FULL FACE RESPIRATORS ARE WORN.
- **SRAY MEN, LINE TENDERS AND POT MEN** SHALL WEAR DISPOSABLE TYVEK HOODED COVERALLS, OR EXACT EQUIVALENT, COVERALLS OR LONG-SLEEVED SHIRT, LONG PANTS, SOCKS BENEATH THE TYVEK HOODED COVERALL, PROTECTIVE EYEWEAR, CHEMICAL-RESISTANT GLOVES THAT ARE DISPOSABLE, AND CHEMICAL-RESISTANT FOOTWARE THAT PROTECTS THE LOWER LEG.

USER SAFETY RECOMMENDATIONS. WASH THE OUTSIDE OF GLOVES BEFORE REMOVING.

APPLICATION / ENTRY. DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT WORKERS OR OTHER PERSONS, EITHER DIRECTLY OR THROUGH DRIFT. ONLY PROTECTED HANDLERS MAY BE IN AREA DURING APPLICATION. DO NOT ENTER OR ALLOW OTHERS TO ENTER UNTIL SPRAYS HAVE DRIED.

ENVIRONMENTAL HAZARDS

THIS MATERIAL IS TOXIC TO FISH AND AQUATIC INVERTEBRATES. DO NOT APPLY DIRECTLY TO WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. DO NOT ALLOW CHIPS AND DUST GENERATED DURING PAINT REMOVAL TO ENTER WATER. DISPOSE OF PAINT DEBRIS IN AN APPROVED LANDFILL. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO LAKES, STREAMS, PONDS, ESTUARIES, OCEANS AND OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND THE PERMITTING AUTHORITY HAS BEEN NOTIFIED IN WRITING PRIOR TO DISCHARGE. DO NOT DISCHARGE EFFLUENT INTO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE LOCAL SEWAGE TREATMENT PLANT AUTHORITY. FOR GUIDANCE CONTACT YOU STATE WATER BOARD OR REGIONAL OFFICE OF THE EPA.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE. KEEP AWAY FROM HEAT AND OPEN FLAME.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Only For Use On Vessels Greater Than 25 Meters (82 Feet) In Length.

ANTIFOULING FOR METAL BOTTOMS

TO CONTROL THE ATTACHMENT OF MARINE FOULING, I.E., BARNACLES, GRASS, ALGAE, TUBE WORMS, MUSSELS, AND SNAILS ON HULLS OF BOATS AND VESSELS IN ALL WATERS WHICH WOULD SUSTAIN SUCH GROWTH. WHEN USED ON ALUMINUM HULLS, A BARRIER COAT OF TWO COATS OF EPOXY COATING ATTAINING AT LEAST 12 MILS DFT MUST BE APPLIED FIRST. CONSULT WITH YOUR REPRESENTATIVE FOR SPECIFIC BARRIER RECOMMENDATIONS. A MINIMUM OF TWO COATS OF THIS PRODUCT IS RECOMMENDED FOR BEST PERFORMANCE. THIS PRODUCT IS NOT FOR USE IN MARINAS.

SURFACE PREPARATION

BEFORE APPLICATION OF ANTIFOULING, ALL SURFACES MUST BE DRY AND CLEANED OF DIRT, DUST, OIL, RUST, LOOSE PAINT, SALT RESIDUES AND OTHER CONTAMINANTS. STEEL MUST BE COATED WITH A SUITABLE PRIMER OR ANTI-CORROSIVE BARRIER COATS.

MIXING

BEFORE USE, POWER MIX THE PAINT UNTIL THE PRODUCT IS UNIFORM.

APPLICATION

APPLY BY BRUSH, ROLLER, OR AIRLESS SPRAY. FOR BRUSH AND ROLLER, CARE MUST BE TAKEN TO ACHIEVE THE SPECIFIED DRY FILM THICKNESS. FOR AIRLESS SPRAY, THE FOLLOWING IS SUGGESTED: NOZZLE TIP (INCH/1000) = 17 - 31; PRESSURE AT NOZZLE (MINIMUM) = 150 BAR / 2100 PSI.

THINNING

NORMALLY NO THINNING REQUIRED. WHERE THINNING IS NECESSARY, USE JOTUN THINNER 7.

DRYING TIME

AT 70°F AND 50% R.H. ALLOW AT LEAST 7 HOURS DRY TIME BETWEEN COATS, AND A MINIMUM OF 9 HOURS BEFORE LAUNCHING.

REFER TO THE TECHNICAL DATA SHEET FOR ADDITIONAL APPLICATION DETAILS AND THE MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HANDLING INFORMATION.

**THE VOC OF THIS PAINT IS
380 GRAMS/LITER (3.17 LBS/GAL).**

SeaQuantum Ultra SP

Product description

This is a one component state of the art chemically hydrolysing silyl acrylate antifouling coating. It provides excellent fouling protection and incomparable hull performance. This is achieved through highly predictable and stable self polishing characteristics reducing hull deterioration, friction and speed loss. The initial smooth surface provides a very good out of dock performance. To be used as finish coat in immersed environments only. It can be applied at sub zero surface temperatures.

Typical use

Marine:

Recommended for under water hull in newbuilding and drydocking. Specially designed as a premium solution for vessels with low activity and slow steaming. Recommended solution for areas with high fouling exposure, such as sea chest, to minimise risk of invasive species. This product provides optimum hull protection in fouling intensive waters or in trades with long lay-ups. The product is designed for long service periods and can be used up to 90 months as a part of a complete coating system.

Typical trade

Designed for both global and coastal trade. Recommended for exposure to both sea and fresh water during newbuilding outfitting.

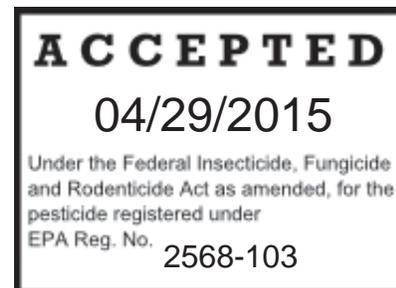
Approvals and certificates

Compliant with IMO Antifouling System Convention AFS/CONF/26.

Additional certificates and approvals may be available on request.

Colours

dark red, light red



Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	58 ± 2 %
Flash point	ISO 3679 Method 1	25 °C
Specific gravity	calculated	1,98 kg/l
VOC-USA / VOC-Hong Kong	EPA Method 24	380 g/l

The provided data is typical for factory produced products, subject to slight variation depending on colour.

Recommended film thickness per coat

Film thickness and spreading rate	Dry film thickness (µm)	Wet film thickness (µm)	Theoretical spreading rate (m ² /l)
Minimum	75	130	7,7

Maximum	175	305	3,3
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Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination.

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Coated surfaces	<p>New tie coat or new antifouling: Remove any contamination that could interfere with the intercoat adhesion. Exceeding maximum recoat intervals will require cleaning/abrading and/or application of additional coats, depending on condition.</p> <p>Aged antifouling with leached layer: Removal by thorough fresh water washing at minimum nozzle pressure 200 bar.</p>	<p>New tie coat or new antifouling: Remove any contamination that could interfere with the intercoat adhesion. Exceeding maximum recoat intervals will require cleaning/abrading and/or application of additional coats, depending on condition.</p> <p>Aged antifouling with leached layer: Removal by thorough fresh water washing at minimum nozzle pressure 340 bar.</p>

Application

Application methods

The product can be applied by

- Spray: Use airless spray.
- Brush: May be used. Care must be taken to achieve the specified dry film thickness.
- Roller: May be used. However when using roller application care must be taken to apply sufficient material in order to achieve the specified dry film thickness.
-

Product mixing ratio (by volume)

Single pack

Stir/mix thoroughly with a power agitator before application.

Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 7

Guiding data for airless spray

Nozzle tip (inch/1000): 17-31

Pressure at nozzle (minimum): 150 bar/2100 psi

Drying and Curing time

Substrate temperature	-10 °C	0 °C	10 °C	23 °C	40 °C
Surface (touch) dry	5 h	2 h	45 min	30 min	30 min
Dry to over coat, minimum	24 h	16 h	9 h	7 h	6 h
Dried/cured for immersion	36 h	24 h	10 h	9 h	8 h

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness. Dry sand sprinkled on the surface can be brushed off without sticking to or causing damage to the surface.

Dry to over coat, minimum: The shortest time allowed before the next coat can be applied.

Dried/cured for immersion: Minimum time before the coating can be permanently immersed in sea water.

Recommended type of primer

Anticorrosive primer system suitable for purpose. Recommended tie coat for the subsequent antifouling coat is Safeguard Universal ES or Safeguard Plus.

Packaging (typical)

	Volume (litres)	Size of containers (litres)
SeaQuantum Ultra SP	20	20

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23 °C

SeaQuantum Ultra SP 12 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Colour variation

Products primarily meant for use as primers and antifoulings may have slight color variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.
